

ExxonMobil Pipeline Company
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August 15, 2010

Water Technical Unit (SEW)
U.S. Environmental Protection Agency
P.O. Box 8127
Boston, Mass. 02114

RE: Submission of Discharge Monitoring Reports
Permit No. MA0000833

Dear Sir/Madam:

This report is being submitted on behalf of Exxon Mobil Oil Corporation. Attached for your review are the Discharge Monitoring Reports (DMRs) and analytical reports for the following period:

- July 1 - 31, 2010 (monthly DMR)
 - Sampled from outfall 001 on July 10, 2010
 - Sampled from outfall 001B on July 10, 12 & 23, 2010

The attached DMR has also been submitted via netDMR to the US EPA.

During the month of July, several conditions existed that require explanation via this correspondence.

On July 10th, the facility experienced a severe rainfall event, noted in the Boston and Cambridge area as a rainfall of 2 – 3.5" of rain in ~ 2 hrs. The sudden intense rainfall resulted in the flooding of the facility oil water separator, compromising the function of the system. Water continued to be pumped from the suction end of the OWS.

Precautions were taken to lower the probability of pumping oil to the Island End River by deploying sorbent boom and pads within the OWS and maintaining a water level above the pump suction of ~ 10 feet. The flooding of the OWS was the result of a malfunction of the temporary pumps installed to service the 001B outfall discharge during construction activities related to the upgrades to the system required under the September 2009 MOU between the EPA, MADEP and ExxonMobil. The bypass of the OWS was reported to the National Response Center, report# 947252. As an additional precaution, oil containment and sorbent boom was deployed at the Island End River in

the event sheen was discharged from our facility. The estimated volume of water that was discharged after the compromise of the OWS was 400,000 gallons

The July 10th rainfall event resulted in a high total suspended solids (TSS) count from outfall 001 of 142 mg/l, which is above the daily limit of 100 mg/l and the monthly average of 30 mg/l. An additional set of samples were taken from 001 later in the day to determine whether the bypass of the OWS compromised the discharge quality. This set of samples had a TSS level of 68 mg/l. The resulting average discharge for outfall 001 for the month is 105 mg/l, above the 30 mg/l monthly average.

The facility continues to employ best management practices in an effort to limit the amount of sediment discharged to the stormwater collection system. However, due to the nature of the rain storm on the 10th, the practices in place, such as the drain guards installed in every catch basin in the facility, were rendered ineffective.

On the 23rd, a rain event was sampled from 001B. The sample was sent to the lab via courier late, resulting in the TSS and PAH analysis being run out of the hold time for the samples. The tests were run and included in the report but were outside of the hold time.

Enclosed are laboratory reports from permit-required chemical analyses.

If you have any questions, please contact me at (617) 381-2802.

Sincerely,



Arthur F. Powers
Terminal Superintendent

c: Mass. Dept. of Environmental Protection, Office of Watershed Management (DWM)
Mass. Dept. of Environmental Protection, Bureau of Waste Prevention